

For Research Use Only

Dectin-1 Polyclonal antibody

Catalog Number:33161-1-AP



Basic Information

Catalog Number:

33161-1-AP

Concentration:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2676

GenBank Accession Number:

/

GeneID (NCBI):

56644

UNIPROT ID:

Q6QLQ4

Full Name:

C-type lectin domain family 7, member a

Calculated MW:

27 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse testis tissue, rat testis tissue

Background Information

Dectin-1, also known as CLEC7A or CD369, is a type II membrane receptor consisting of an extracellular C-terminal C-type lectin domain, a short stalk region, a single transmembrane domain and a short N-terminal cytoplasmic tail, which contains an immunoreceptor tyrosine-based activation motif (PMID: 10779524; 21612412). Dectin-1 is expressed on monocytes, macrophages, neutrophils, dendritic cells, and a subpopulation of T cells (PMID: 12244185). Dectin-1 plays a role in the innate immune response. It functions as a pattern-recognition receptor and recognizes a variety of β -glucans from fungi, plants, and bacteria. Dectin-1 may also participate in orchestrating the adaptive immune response (PMID: 21612412). The apparent molecular weight is larger than the calculated molecular weight due to glycosylation (PMID: 10779524).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

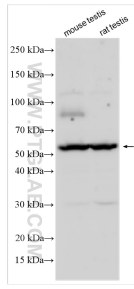
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33161-1-AP (Dectin-1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.